

## RMOVSEG(a)

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### NAME

rmovseg – remove a segment from a process virtual address space

### SYNOPSIS

(rmovseg = 5.)  
rmovseg(segnum)

### DESCRIPTION

The segment indexed by *segnum* is removed from the process virtual address space (the "active" bit is cleared in the segment table status word). If the "non-swap" bit of the segment table status word is non-zero, the bit is cleared and the segment "non-swap" count is decremented. The segment activity count is decremented and if zero, the segment becomes a candidate for swapping. This system function should be used if the contents of the segment are to be used at a later time. If the segment is used for scratch storage and the current data are not needed when the segment is reactivated, *dropseg* should be used. A value of 1 is returned from C.

### ALSO SEE

dropseg(a), freeseg(a).

### DIAGNOSTICS

C returns -1 if the *segnum* points to a null segment table entry. Fault return with code 10 if *segnum* exceeds the available number of segment table entries.